

Searching within The ACM Digital Library with Advanced Search: (object and oriented and architecture) ([start a new search](#))

Found 16,491 of 258,874

**REFINE YOUR  
SEARCH**
**Refine by  
Keywords**
  
**SEARCH**

 Discovered  
Terms

**Refine by People**

 Names  
Institutions  
Authors  
Editors  
Reviewers

**Refine by  
Publications**

 Publication Year  
Publication Names  
ACM Publications  
All Publications  
Content Formats  
Publishers

**Refine by  
Conferences**

 Sponsors  
Events  
Proceeding Series

**ADVANCED SEARCH**
 [Advanced Search](#)
**FEEDBACK**
 [Please provide us  
with feedback](#)

 Found 16,491 of  
258,874

 Search Results  
• Related Journals  
• Related Magazines  
• Related SIGs  
• Related Conferences

Results 1 - 20 of 16,491

 Sort by  relevance in  
 expanded form

Result page: 1 2 3 4 5 6 7 8 9 10 next &gt;

**1 Shape-based retrieval and analysis of 3D models**
 Thomas Funkhouser, Michael Kazhdan

 August 2004 [SIGGRAPH '04: SIGGRAPH 2004 Course Notes](#)

 Publisher: ACM 

 Full text available:  Pdf (12.66 MB)

 Additional Information: [full citation](#), [abstract](#)
**Bibliometrics:** Downloads (6 Weeks): 389, Downloads (12 Months): 952, Downloads (Overall): 3383, Citation Count: 1

Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find ...

**2 A new, software design based, financially responsible computer science major at a small liberal arts college**
 David P. Voorhees

 January [Journal of Computing Sciences in Colleges](#), Volume 23 Issue 3 2008

Publisher: Consortium for Computing Sciences in Colleges

 Full text available:  Pdf (192.08 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 27, Downloads (Overall): 84, Citation Count: 0

This paper describes a new computer science major at a small liberal arts college. This major emphasizes the theory and practice of software design and includes a two-semester research/capstone course. Given the historically cyclic demand for computer ...

**3 Integrated speech and gaze control for realistic desktop environments**
 Emiliano Castellina, Fulvio Corvo, Paolo Pellegrino

 March [ETRA '08: Proceedings of the 2008 symposium on Eye tracking research & applications](#) 2008

 Publisher: ACM 

 Full text available:  Pdf (293.69 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 81, Downloads (Overall): 143, Citation Count: 1

Nowadays various are the situations in which people need to interact with a Personal Computer without having the possibility to use traditional pointing devices, such as a keyboard or a mouse. In the latest years, various alternatives to the classical ...

**Keywords:** eye tracking, multimodal interaction, speech recognition, usability

4 [Ace: a language for parallel programming with customizable protocols](#)



Mukund Raghavachari, Anne Rogers

August 1999 [Transactions on Computer Systems \(TOCS\)](#), Volume 17 Issue 3

Publisher: ACM [Request Permissions](#)

Full text available: [PDF \(297.50 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 46, Downloads (Overall): 344, Citation Count: 0

Customizing the protocols that manage accesses to different data structures within an application can improve the performance of software shared-memory programs substantially. Existing systems for using customizable protocols are hard to use directly ...

**Keywords:** parallel processing

5 [An architecture for viewpoint environments based on OMG/CORBA](#)



Wolfgang Emmerich

October 1996 [Joint proceedings of the second international software architecture workshop \(ISAW-2\) and international workshop on multiple perspectives in software development \(Viewpoints '96\) on SIGSOFT '96 workshops](#)

Publisher: ACM [Request Permissions](#)

Full text available: [PDF \(913.73 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 4, Downloads (Overall): 124, Citation Count: 2

6 [Dynamic software updating](#)



Michael Hicks, Scott Nettles

November 2005 [Transactions on Programming Languages and Systems \(TOPLAS\)](#), Volume 27 Issue 6

Publisher: ACM [Request Permissions](#)

Full text available: [PDF \(622.69 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 61, Downloads (12 Months): 277, Downloads (Overall): 1324, Citation Count: 7

Many important applications must run continuously and without interruption, and yet also must be changed to fix bugs or upgrade functionality. No prior general-purpose methodology for dynamic updating achieves a practical balance between flexibility, ...

**Keywords:** Dynamic software updating, typed assembly language

7 [A qualitative assessment of the efficacy of UML diagrams as a form of graphical documentation in aiding program understanding](#)



Scott Tilley, Shihong Huang

October 2003 [SIGDOC '03: Proceedings of the 21st annual international conference on Documentation](#)

2003

Publisher: ACM [Request Permissions](#)

Full text available: [PDF \(274.99 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 98, Downloads (Overall): 1789, Citation Count: 9

Graphical documentation is often characterized as an effective aid in program understanding. However, it is an open question exactly which types of graphical documentation are most suitable for which types of program understanding tasks (and in which ...

**Keywords:** Unified Modeling Language (UML), assessment, graphical documentation, program understanding

**8 Intermediary Architecture: interposing middleware object services between Web client and server** Craig Thompson, Paul Pazandak, Venu Vasudevan, Frank Manola, Mark Palmer, Gil Hansen, Tom BannonJune Computing Surveys (CSUR) , Volume 31 Issue 2es  
1999Publisher: ACM Full text available:  Pdf (33.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 40, Downloads (Overall): 743, Citation Count: 0

This paper describes the Intermediary Architecture, a middleware architecture which interposes distributed object services between Web client and server. The architecture extends current Web architectures with a new kind of plug-in, ...

**Keywords:** World Wide Web, annotations, distributed objects, object request brokers**9 The development of the Emerald programming language** Andrew P. Black, Norman C. Hutchinson, Eric Jul, Henry M. LevyJune HOPL III: Proceedings of the third ACM SIGPLAN conference on History of programming languages  
2007Publisher: ACM Full text available:  Mov (54.7 MIN),  Pdf (1.45 MB) Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 30, Downloads (12 Months): 200, Downloads (Overall): 559, Citation Count: 0

Emerald is an object-based programming language and system designed and implemented in the Department of Computer Science at the University of Washington in the early and mid-1980s. The goal of Emerald was to simplify the construction of distributed ...

**Keywords:** Eden, Emerald, Washington, abstract types, call-by-move, distributed programming, mobility, object mobility, object-oriented programming, polymorphism, remote object invocation, remote procedure call, type conformity**10 Space-efficient scheduling of nested parallelism** Girija J. Narlikar, Guy E. BlellochJanuary Transactions on Programming Languages and Systems (TOPLAS) , Volume 21 Issue 1  
1999Publisher: ACM Full text available:  Pdf (481.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 64, Downloads (Overall): 349, Citation Count: 10

Many of today's high-level parallel languages support dynamic, fine-grained parallelism. These languages allow the user to expose all the parallelism in the program, which is typically of a much higher degree than the number of processors. Hence an ...

**Keywords:** dynamic scheduling, multithreading, nested parallelism, parallel language implementation, space efficiency**11 Proceedings of the 2007 international symposium on Wikis** Alain Désilets, Robert RiddleOctober WikiSym '07: Proceedings of the 2007 international symposium on Wikis  
2007

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

The 2007 International Symposium on Wikis brings together wiki researchers, practitioners, and users. The goal of the symposium is to explore and extend our growing community. The symposium has a rigorously reviewed research paper track, as well as plenty ...

**12 Proceedings of the eleventh international conference on 3D web technology** Denis Gracanin

April

2006

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This volume contains the papers accepted for the Web3D 2006 Symposium on 3D Web Technologies, which was held for the first time on the East Coast, in Columbia, Maryland. The papers cover a wide range of 3D web related topics, from behavior and semantics ...

**13 Write barrier removal by static analysis** Karen Zee, Martin Rinard

November

2002

Publisher: ACM Full text available:  [PDF](#) (396.83 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 43, Downloads (Overall): 399, Citation Count: 10

We present a new analysis for removing unnecessary write barriers in programs that use generational garbage collection. To our knowledge, this is the first static program analysis for this purpose. Our algorithm uses a pointer analysis to locate assignments ...

**Keywords:** generational garbage collection, pointer analysis, program analysis, write barriers

Also published in:

November 2002 SIGPLAN Notices Volume 37 Issue 11

**14 Building a prototype for network measurement virtual observatory** Peter Mafra, Istvan Csabai, Peter Haga, Jozsef Steger, Laszlo Dobos, Gabor Vattay

June

2007

Publisher: ACM Full text available:  [PDF](#) (760.15 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 48, Downloads (Overall): 142, Citation Count: 1

Online sharing of scientific information has accelerated the research activity in various different domains of science. This fact inspires us to initiate this kind of approach in the field of network research and review some projects pointing towards ...

**Keywords:** ETOMIC, data sharing, network measurement, virtual observatory

**15 Analysing internet software retrieval systems: modeling and performance comparison** Jose Mereguer, Javier Campos, Eduardo Mena

May

2003

Publisher: Kluwer Academic Publishers

Full text available:  [PDF](#) (425.44 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 27, Downloads (Overall): 427, Citation Count: 4

Nowadays, there exist web sites that allow users to retrieve and install software in an easy way. The performance of these sites may be poor if they are used in wireless networks; the reason is the inadequate use of the net resources that they need. ...

**Keywords:** UML, internet, mobile agent technology, software performance engineering, stochastic Petri nets

**16 A practical crash course in Java 1.1+ programming and technology: part I** **George Crawford, III**November **Crossroads** , Volume 4 Issue 2  
1997**Publisher:** ACM Full text available:  [HTML \(10.71 KB\)](#)  [PDF \(92.00 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 17, Downloads (Overall): 21, Citation Count: 0**17 Modeling motivation for adaptive nonplayer characters in dynamic computer game worlds** **Kathryn Merrick**March **Computers in Entertainment (CIE)** , Volume 5 Issue 4  
2008**Publisher:** ACM Full text available:  [PDF \(582.06 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 247, Downloads (Overall): 447, Citation Count: 1

Current computer games are being set in increasingly more complex and dynamic virtual environments. Massively multiplayer online games, for example, are played in persistent virtual worlds, which evolve and change as players create and personalize their ...

**Keywords:** computer games, motivation, neural nets, nonplayer characters, persistent virtual worlds, reinforcement learning

**18 Using design patterns to guide the development of reusable object-oriented software** **D. Schmidt**December **Computing Surveys (CSUR)** , Volume 28 Issue 4es  
1996**Publisher:** ACM Full text available:  [HTML \(16.20 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 105, Downloads (Overall): 1114, Citation Count: 1**19 A gaze contingent environment for fostering social attention in autistic children** **Rameshsharma Ramli, Cheryl Trepagnier, Marc Sebrechts, Andreas Finkelmeyer**March **ETRA '04: Proceedings of the 2004 symposium on Eye tracking research & applications**  
2004**Publisher:** ACM Full text available:  [PDF \(334.06 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 56, Downloads (Overall): 830, Citation Count: 2

This paper documents the engineering of a gaze contingent therapeutic environment for the exploration and validation of a proposed rehabilitative technique addressing attention deficits in 24 to 54 months old autistic subjects. It discusses the current ...

**Keywords:** attention, autism, design workflow, eye tracker calibration, gaze contingent environment

**20 A Framework for Heterogeneous Concurrency Control Policies in Distributed Applications****António Rito Silva, João Pereira, Pedro Sousa**March **IWSSD '96: Proceedings of the 8th International Workshop on Software Specification and Design**  
1996**Publisher:** IEEE Computer SocietyFull text available:  [Publisher Site](#)  [PDF \(1.35 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 3, Downloads (Overall): 188, Citation Count: 0

Several concurrency control policies for distributed systems have been proposed both by theorists and practitioners. In this paper we present an abstract framework for concurrency control policies for the serial model. This framework supports a wide ...

**Keywords:** Concurrency Control, Concurrency and Distribution, Software Architectures

Result page: 1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

[...>](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)